

IDS 7/17/04

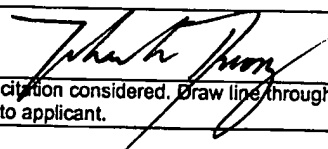
Sheet 1 of 1

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977-209003	Application No. New DIV Appln.
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Jun Koyama et al.	
		Filing Date July 17, 2003	Group Art Unit Unknown 2822

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KBP	AA	2001-0022677	09/2001	Hirakata et al			
	AB	4,914,503	04/1990	Shirato et al.			
	AC	5,491,352	02/1996	Tsuji			
	AD	5,644,147	7/1/1997	Yamazaki et al.			
	AE	5,739,549	04/1998	Takemura et al.			
	AF	5,744,820	04/1998	Matsushima et al.			
	AG	5,780,872	07/1998	Misawa et al.			
	AH	5,804,501	09/1998	Kim			
	AI	5,818,070	10/1998	Yamazaki et al.			
	AJ	5,899,547	05/1999	Yamazaki et al.			
	AK	6,008,065	12/1999	Lee et al.			
	AL	6,072,556	06/2000	Hirakata et al.			
	AM	6,166,396	12/2000	Yamazaki			
	AN	6,198,133	03/2001	Yamazaki et al.			
	AO	6,239,854	05/2001	Hirakata et al.			
	AP	6,384,818	05/2002	Yamazaki et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
	AQ						Yes	No

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AR	
	AS	

Examiner Signature 	Date Considered 3/18/2005
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)

IDS 11/22/2004

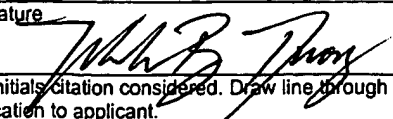
Sheet 1 of 2

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977-209003	Application No. 10/620,565
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Jun Koyama et al.	
		Filing Date July 17, 2003	Group Art Unit 2871 2822

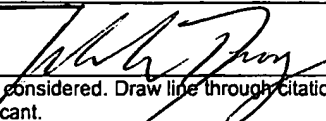
U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KBD	AA	5,075,674	12/24/1991	KATAYAMA et al.			11/18/1988
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
KBD	AJ	EP0 318 224	31 MAY 1989	EUROPE			In English	
	AK	JP01-134343	26 MAY 1989	JAPAN			Abstract	
	AL	JP01-134344	26 MAY 1989	JAPAN			Abstract	
	AM	JP04-313729	05 NOV 1992	JAPAN			Abstract	
	AN	JP05-053127	05 MAR 1993	JAPAN			Abstract	
	AO	JP05-241200	21 SEP 1993	JAPAN			Abstract	
	AP	JP06-160904	07 JUN 1994	JAPAN			Abstract	
	AQ	JP07-175038	14 JUL 1995	JAPAN			Abstract	
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Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Jun Koyama et al.	
		Filing Date July 17, 2003	Group Art Unit 2871

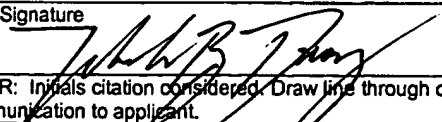
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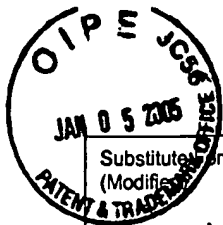
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		Filing Date July 17, 2003	Group Art Unit 2871 2822

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KBD	AA	5,182,620	01/26/1993	SHIMADA et al.			04/02/1991
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
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	AL							
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	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
KBD	AQ	Office Action (Application No. 10/803,965), August 11, 2004, 7 pages.
	AR	
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Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Jun Koyama et al.	
		Filing Date July 17, 2003	Group Art Unit 2871 2822

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KBD	AA	10/803,965	Pending	KOYAMA et al.			03/19/2004
↓	AB	10/850,117	Pending	KOYAMA et al.			05/21/2004
↓	AC	10/960,897	Pending	KOYAMA et al.			10/08/2004
	AD						
	AE						
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	AG						
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KBD	AL	JP04-313729	05 NOV 1992	JAPAN			Full	
↓	AM	JP05-053127	05 MAR 1993	JAPAN			Full	
↓	AN	JP05-241200	21 SEPT 1993	JAPAN			Full	
↓	AO	JP06-160904	07 JUNE 1994	JAPAN			Full	
↓	AP	JP07-175038	14 JULY 1995	JAPAN			Full	

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Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
07977-209003Application No.
10/620,565**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant
Jun Koyama et al.Filing Date
July 17, 2003

Group Art Unit

~~2871~~ 2822**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KBD	AA	5,636,329	06/03/1997	Sukegawa et al.			06/22/1995
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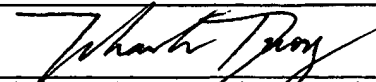
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	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

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	AS	
	AT	

Examiner Signature



Date Considered

3/28/2005

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